

Indicator lamp illuminates in instrument cluster,
fault codes P203B31, P203B49 and P206B31
present in AdBlue® (SCR) control unit (N118/5).

Topic number	LI14.40-N-072089
Version	1
Function group	14.40 Exhaust aftertreatment, AdBlue
Date	12-03-2020
Validity	Model 907 with engine 642
Reason for change	
Reason for block	

Complaint:

Indicator lamp illuminates in instrument cluster, fault codes P203B31, P203B49 and P206B31 present in AdBlue® (SCR) control unit (N118/5)

Cause:

Software for AdBlue® (SCR) control unit (N118/5)

Remedy:

IMPORTANT: Do not replace any component parts!

1. Connect charger (see AR54.10-S-1130C).

Note: An adequate voltage from the on-board electrical system battery must be guaranteed for the entire duration of the work procedure. Otherwise the control units could be damaged if an undervoltage occurs.

Information: Observe the operating instructions of the charger.

Information: Use the charger to ensure an adequate voltage (at least 12.5 V) from the on-board electrical system battery.

2. Connect diagnostic device (see AD00.00-S-2000-06P).
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3. Perform an initial quick test and keep results (see AD00.00-S-2000-04C).
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4. Update software in AdBlue® (SCR) control unit (N118/5).

Information: To do so, select following menu items: Quick test view → N118/5 - Selective Catalytic Reduction (SCR) control unit → Adaptations → Control units update → Update of control unit software.

XENTRY TIPS

Information: You are then automatically guided through the steps "Update of control unit software" and "SCN coding".

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5. Erase fault memory.

 6. Detach diagnostic device from vehicle. (see AD00.00-S-2000-04C).

 7. Disconnect charger from vehicle (see AR54.10-S-1130C).

Symptoms
Power generation / Engine management / Indicator lamp / Engine diagnosis / lit

Control unit/fault code		
Control unit	Fault code	Fault text
N118/5 N141 - Selective catalytic reduction ((SCR GEN3)) (UDCM)	P203B31	The AdBlue® fill level sensor has a malfunction. The signal is not present.
N118/5 N141 - Selective catalytic reduction ((SCR GEN3)) (UDCM)	P203B49	The AdBlue® fill level sensor has a malfunction. There is an internal electrical fault.
N118/5 N141 - Selective catalytic reduction ((SCR GEN3)) (UDCM)	P206B31	Component 'A103 (AdBlue® additive tank/pump module)' has a malfunction. The signal is not present.

WIS-References			
Document number	Title	Note	Allocation
AD00.00-S-2000-06P	Connect diagnostic device		Remedy

Validity		
Vehicle	Engine	Transmission
Sprinter 907	642	*